

Cyprus Thompson Creek

Post Office Box 62  
Clayton, Idaho 83227  
Telephone (208) 838-2200

August 15, 1986

Ms. Dolores White  
U.S. E.P.A.  
Region X  
1200 Seattle Avenue  
Seattle, WA 98101

Reference: Cyprus Thompson Creek Mining Company  
Permit # ID 002540-2

Subject: Turbidity Readings - Thompson Creek

Dear Ms. White:

Please attach the enclosed July turbidity readings to the July NPDES data recently mailed to you.

Sincerely,

*Barb*

Barbara S. Metz  
Environmental Technician

BSM:rk/d

Enclosure

cc: W. Scarborough

RECEIVED  
AUG 20 1986

IDAHO OPERATIONS OFFICE

**CYPRUS**

JULY 1986 TURBIDITY

CYPRUS THOMPSON CREEK

	<u>TC 1</u>	<u>TC 2</u>	<u>TC 3</u>	<u>TC 4</u>
7/3	0.65	0.69	0.87	1.1
7/17	0.71	0.72	0.85	1.6

Cyprus Thompson Creek

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Telephone (208) 838-2200

August 14, 1986

Chief, Water Compliance Section  
EPA, Region X, Mail Stop 513  
1200 Sixth Avenue  
Seattle, Washington 98101

Reference: Cyprus Thompson Creek Mining Company  
Permit #ID-002540-2

Subject: NPDES Discharge Monitoring Report

Dear Sir or Madam:

Enclosed are the discharge monitoring reports for source points 001 and 002 on the Cyprus Thompson Creek Project for the month of July 1986.

If you have any questions, please advise.

Very truly yours,



A. R. Jacobs  
General Manager

ARJ:rk/d

Enclosures

cc: Idaho Dept. of Health & Welfare, Boise Office  
File: P-12-e

**CYPRUS**

Attachment A  
Permit #ID-002540-2  
August 14, 1986

Subject: Report of Additional Monitoring under NPDES  
Permit ID 002540-2

Several pH exceedances reported this summer prompted some additional monitoring of pH in Buckskin Creek. Elevated pH readings during the summer months have been attributed to carbon dioxide reduction in the settling pond and weir due to algae blooms. Normal pH levels were recorded above and below the sediment dam and discharge point 001.

Buckskin pH Profile 7-11-86  
(in order downstream of dump)

Creek below Buckskin dump	8.57
Right culvert below dump	8.26
Piezometer shed (creek)	8.23
Top pond	8.13
Stream below pond	8.69
Entrance to dam	9.90
Outflow of dam	9.50
Weir (discharge point 001)	9.35
Pond below weir	8.19

Discharge point 001 became dry July 30, 1986, however, a pH was taken in the sediment dam.

BSM:rk/d

File P-12-e



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINES

ADDRESS P. O. BOX 62

CLAYTON

TO 83227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

ID0025402

001 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO DUCKSKIN CREEK

Form Appro.  
OMB No. 204  
Approval expir.

FACILITY

LOCATION

ATTN: H. D. MARTIN, GEN'L MGR.

MONITORING PERIOD

FROM

YEAR MO DAY  
86 07 01

TO

YEAR MO DAY  
86 07 31

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

MAJOR (SUOR 03)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		2.5	*****	9.7		1		
00400 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	6.5	*****	9.0	50		PER YEAR	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	3.0	9.0		4		
00530 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	*****	20	30	100/L		WEEKLY	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	.042	.109		*****	*****	*****		2		
00050 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	MGD	*****	*****	*****	***		DAILY	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
A. R. Jacobs General Manager						
TYPED OR PRINTED						

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	208	832-2200	86	08	11
	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.



PERMITTEE NAME/ADDRESS (Include  
Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINES

ADDRESS P.O. BOX 62

CLAYTON TN 33227

FACILITY

LOCATION

ATTN: M. D. MARTIN, GEN'L MGR.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

100025402

002 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO PAT HUGHES CREEK

Form Appro.

OMB No. 204

Approval expires

DISCHARGE

MONITORING

PERIOD

FROM

YEAR MO DAY  
86 07 01

TO

YEAR MO DAY  
86 07 31

(20-21) (22-23) (24-25)

(26-27) (28-29) (30-31)

MAJOR (SURF OR)

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.7	*****	8.5		0		
00400 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	****	6.5 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAPH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	1.0	6.0		0		
00530 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	****	*****	20 DAILY AV	20 DAILY MX	MG/L		WEEKLY	GRAPH
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	.104	.381		*****	*****	*****		0		
50050 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	***** DAILY AV	***** DAILY MX	MGD	*****	*****	*****	****		DAILY	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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A. R. Jacobs General Manager						
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		208 AREA CODE	234-2200 NUMBER	86 YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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